PATENT ABSTRACTS OF JAPAN

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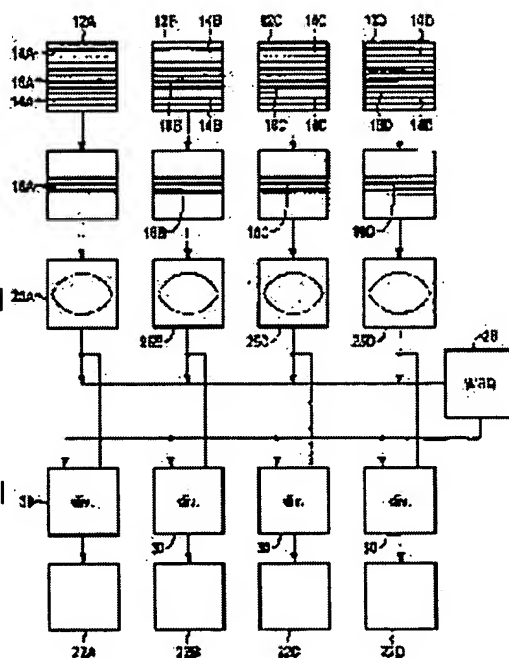| (21)Application number : 2002-033293	(71)Applicant : SIEMENS AG
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(30)Priority

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(54) MAGNETIC RESONANCE IMAGE FORMATION METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To simply obtain a sensitivity profile of an individual antenna in an antenna array.

SOLUTION: A total image 26 is obtained by sending a high frequency excitation pulse and a gradient magnetic field pulse to an imaging space, generating spatial-coded magnetic resonance signals, receiving the magnetic resonance signals by receiving antennas 6A to 6D, forming k space data records 12A to 12D having outside space lines 14A to 14D and more tightly arranged central k space lines 16A to 16D from the reception signal of each of the receiving antennas 6A to 6D, reconstructing one intermediate images 20A to 20D from each of the k space data records 12A to 12D, determining sensitivity profiles 22A to 22D from the central k space data line 16A to 16D, and combining intermediate images 20A to 20D in connection with the sensitivity profiles 22A to 22D.

LEGAL STATUS

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